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PCT/KR2004/000679

## PATENT COOPERATION TREATY

PCT

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)



REC'D 12 JUL 2005

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Applicant's or agent's file reference PT-04-07	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. <b>PCT/KR2004/000679</b>	International filing date(day/month/year) <b>25 MARCH 2004 (25.03.2004)</b>	Priority date (day/month/year) 27 MARCH 2003 (27.03.2003)
International Patent Classification (IPC) or national classification and IPC  <b>IPC7 G06F 17/60</b>		
Applicant  <b>SONG, Seung June</b>		

<p>1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>4</u> sheets, including this cover sheet.</p> <p>3. This report is also accompanied by ANNEXES, comprising:</p> <p>a. <input type="checkbox"/> (sent to the applicant and to the International Bureau) a total of _____ sheets, as follows:</p> <p><input type="checkbox"/> sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).</p> <p><input type="checkbox"/> sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.</p> <p>b. <input type="checkbox"/> (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in computer readable form only, as indicated in the Supplemental Box relating to Sequence Listing (see Section 802 of the Administrative Instructions).</p>	
<p>4. This report contains indications relating to the following items:</p> <p><input checked="" type="checkbox"/> Box No. I Basis of the report</p> <p><input type="checkbox"/> Box No. II Priority</p> <p><input type="checkbox"/> Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability</p> <p><input type="checkbox"/> Box No. IV Lack of unity of invention</p> <p><input checked="" type="checkbox"/> Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p><input type="checkbox"/> Box No. VI Certain documents cited</p> <p><input type="checkbox"/> Box No. VII Certain defects in the international application</p> <p><input type="checkbox"/> Box No. VIII Certain observations on the international application</p>	

Date of submission of the demand  <b>25 OCTOBER 2004 (25.10.2004)</b>	Date of completion of this report  28 JUNE 2005 (28.06.2005)
Name and mailing address of the IPEA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140	Authorized officer  LEE, Jung Suk  Telephone No. 82-42-481-5789 

# INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/KR2004/000679

## Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

- ☒ This report is based on translations from the original language into the following language English which is the language of a translation furnished for the purposes of:
- ☐ international search (under Rules 12.3 and 23.1(b))
- ☒ publication of the international application (under Rule 12.4)
- ☐ international preliminary examination (under Rules 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

- ☒ the international application as originally filed/furnished
- ☐ the description:
- pages \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ the claims:
- pages \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ as amended (together with any statement) under Article 19
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ the drawings:
- pages \_\_\_\_\_ as originally filed/furnished
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- pages\* \_\_\_\_\_ received by this Authority on \_\_\_\_\_
- ☐ the sequence listing and/or any related table(s) - see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

- ☐ the description, pages \_\_\_\_\_
- ☐ the claims, Nos. \_\_\_\_\_
- ☐ the drawings, sheets \_\_\_\_\_
- ☐ the sequence listing (*specify*): \_\_\_\_\_
- ☐ any table(s) related to sequence listing (*specify*): \_\_\_\_\_

\* If item 4 applies, some or all of those sheets may be marked "superseded."

## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/KR2004/000679

**Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement****1. Statement**

Novelty (N)	Claims	1-26	YES
	Claims		NO
Inventive step (IS)	Claims	16-26	YES
	Claims	1-15	NO
Industrial applicability (IA)	Claims	1-26	YES
	Claims		NO

**2. Citations and explanations (Rule 70.7)**

The following documents have been considered for the purpose of this written opinion:

D1: JP 2002-133181 A

D2: KR 2000-72435 A

D3: US 2003-41004 A

D1 discloses an on-line auction system. A seller registers to exhibit an item or makes a bid for an item from a terminal. Information is provided including: an item's information, opening price, desired bid price, a possible condition, and a desired condition. The information is available to a server, and to a server of a mediator to the Internet network. The probability of successful bids for the exhibited items, as a service for a seller, is increased by this system.

D2 discloses a method for a real time-auction on a network. If a bidder wishes to make a reserved bid prior to the initiation of the auction, the reserved bid is stored in a date base.

**Novelty:**

The present invention relates to an on-line auction system wherein an item's price is constantly reduced according to a product's price inspection. A bid's result is noticed immediately because an auction progresses according to corresponding products, a new auction is generated continuously, and a participant who joins the auction can purchase a product in serial order. Although D1 and D2 show the similar structure to that of the present invention, they are not the same completely. So, novelty of the claims 1-26 of the present invention can be acknowledged.

**Supplemental Box**

In case the space in any of the preceding boxes is not sufficient.  
Continuation of:

**BOX V.****Inventive Step:**

In view of an inventive step, the components of the present invention and those of D1 are similar.

And the components of Claims 5 and 6 of the present invention are similar to those of D2.

In addition, a technique regarding "a bid and auction service through on-line" described in D3 is similar to the present invention.

Therefore, claims 1-15 can be easily invented by a person skilled in the art through the combination of D1, D2 & D3.

In conclusion, claims 1-15 of the present invention lack an inventive step.

**Industrial applicability**

All claims are considered to be industrially applicable.